

Title (en)

Control of a gas turbine engine

Title (de)

Steuerung eines Gasturbinenantriebs

Title (fr)

Commande de moteur de turbine à gaz

Publication

EP 2881546 B1 20190109 (EN)

Application

EP 14192462 A 20141110

Priority

GB 201321472 A 20131205

Abstract (en)

[origin: EP2881546A1] A thrust demand signal is provided to a processor of an engine controller (88) of a gas turbine engine and is modified, according to growth time constants of a rotor and/or a casing of the engine, in order to control the rotational speed or the rate of change of rotational speed of the engine so as to prevent contact between the rotor and the casing.

IPC 8 full level

F01D 11/14 (2006.01); **F01D 11/20** (2006.01); **F02C 9/00** (2006.01); **F02C 9/28** (2006.01)

CPC (source: EP US)

F01D 11/14 (2013.01 - US); **F01D 11/20** (2013.01 - EP US); **F02C 9/00** (2013.01 - US); **F02C 9/28** (2013.01 - EP US); **F05D 2270/02** (2013.01 - US); **F05D 2270/04** (2013.01 - EP US); **F05D 2270/051** (2013.01 - US); **F05D 2270/20** (2013.01 - US); **F05D 2270/309** (2013.01 - EP US); **F05D 2270/44** (2013.01 - US); **Y02T 50/60** (2013.01 - EP)

Citation (examination)

GB 2460948 A 20091223 - GEN ELECTRIC [US]

Cited by

CN113969842A; FR3098845A1; GB2587893A; GB2587893B; EP3597876A1; US11668252B2; US11339678B2; US10351255B2; EP3193225B1

Designated contracting state (EPC)

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EP 14192462 A 20141110; GB 201321472 A 20131205; US 201414537382 A 20141110